

In the Claims

Applicants have submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts.

Please cancel claims 1, 6, 10, 12-14, 53 and 56-58 without prejudice or disclaimer.

Please amend pending claims 2-5, 7-9 and 15-19 as noted below.

Please add new claim 72.

1. (Cancelled)
2. (Currently Amended) A composition as in claim ~~1~~ 11, the material having an average particle size of less than about 50 nm wherein the material, when heated to 700°C, retains an average surface area of at least about 150 m²/g.
3. (Currently Amended) A composition as in claim ~~1~~ 11, the material having an average particle size of less than about 25 nm wherein the material, when heated to 700°C, retains an average surface area of at least about 200 m²/g.
4. (Currently Amended) A composition as in claim ~~1~~ 11, the material having an average particle size of less than about 10 nm wherein the material, when heated to 700°C, retains an average surface area of at least about 300 m²/g.
5. (Currently Amended) A composition as in claim ~~1~~ 11, the material having an average particle size of less than about 5 nm wherein the material, when heated to 700°C, retains an average surface area of at least about 400 m²/g.
- 6-10. (Cancelled)
11. (Currently Amended) A composition ~~as in claim 10~~ comprising a material having an average particle size of less than about 100 nm wherein the material, when heated to 700°C for at least about 10 min, retains an average surface area of at least about 100 m²/g, the material

~~comprising, wherein the complex metal oxide is selected from the group consisting of La-Sr-Fe-Co oxide, barium hexaaluminate, strontium hexaaluminate and strontium titanate.~~

12-14. (Cancelled)

15. (Currently Amended) A composition as in claim ~~+~~ 11, wherein the material retains an average surface area of at least about 300 m²/g at room temperature.

16. (Currently Amended) A composition as in claim ~~+~~ 11, wherein the material, when heated to at least 500°C, retains an average surface area of at least about 100 m²/g.

17. (Currently Amended) A composition as in claim ~~+~~ 11, wherein the material, when heated to at least 900°C, retains an average surface area of at least about 100 m²/g.

18. (Currently Amended) A composition as in claim ~~+~~ 11, wherein the material, when heated to at least 1100°C, retains an average surface area of at least about 20 m²/g.

19. (Currently Amended) A composition as in claim ~~+~~ 11, wherein the material, when heated to at least 1300°C, retains an average surface area of at least about 20 m²/g.

20-71. (Cancelled)

72. (New) A composition as in claim 11, wherein the material is immobilized on a surface of a monolith.